



MCAS MIRAMAR

ENVIRONMENTAL MANAGEMENT

MORE THAN OUR CODE...IT'S OUR CORPS



YOUR ROLES IN ENVIRONMENTAL COMPLIANCE

Presented by MCAS Miramar Environmental

YOUR SOURCE FOR MCAS MIRAMAR ENVIRONMENTAL INFORMATION

MARINES
THE OFFICIAL WEBSITE OF THE UNITED STATES MARINE CORPS

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Environmental Management (S-7)

"MORE THAN OUR CODE . . . IT'S OUR CORPS"

The Environmental Management System of MCAS Miramar

MCAS MIRAMAR ENVIRONMENTAL MANAGEMENT SYSTEM

MCAS MIRAMAR ENVIRONMENTAL MANAGEMENT
"MORE THAN OUR CODE...IT'S OUR CORPS"

UPCOMING EVENTS AND TRAINING

Event Start	Event End	Title	Location
11/17/2015 8:00 AM	11/18/2015 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
12/1/2015 8:00 AM	12/1/2015 9:00 AM	HWC Quarterly Meeting	Bldg #6306 (S-7) Classroom
12/1/2015 9:00 AM	12/1/2015 10:00 AM	Environmental Compliance Coordinator's (ECC) Meeting and Training	Bldg #6306 (S-7) Classroom
1/19/2016 8:00 AM	1/20/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
2/16/2016 8:00 AM	2/17/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
3/1/2016 8:00 AM	3/1/2016 9:00 AM	HWC Quarterly Meeting	Bldg #6306 (S-7) Classroom
3/1/2016 9:00 AM	3/1/2016 10:00 AM	Environmental Compliance Coordinator's (ECC) Meeting and Training	Bldg #6306 (S-7) Classroom
4/19/2016 8:00 AM	4/20/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7)

MISSION

MCAS Miramar's EMS relies on a **plan-do-check-act** cycle to facilitate continuous improvement of its environmental management program. The Miramar EMS is expressed through this website, with each EMS component and its associated elements "living" on a webpage. This website provides tools for the operation of Miramar's EMS and is designed to maximize the effectiveness of communication among environmental program stakeholders.

PUBLIC AWARENESS & OUTREACH

RECYCLING Video

CLICK to watch video

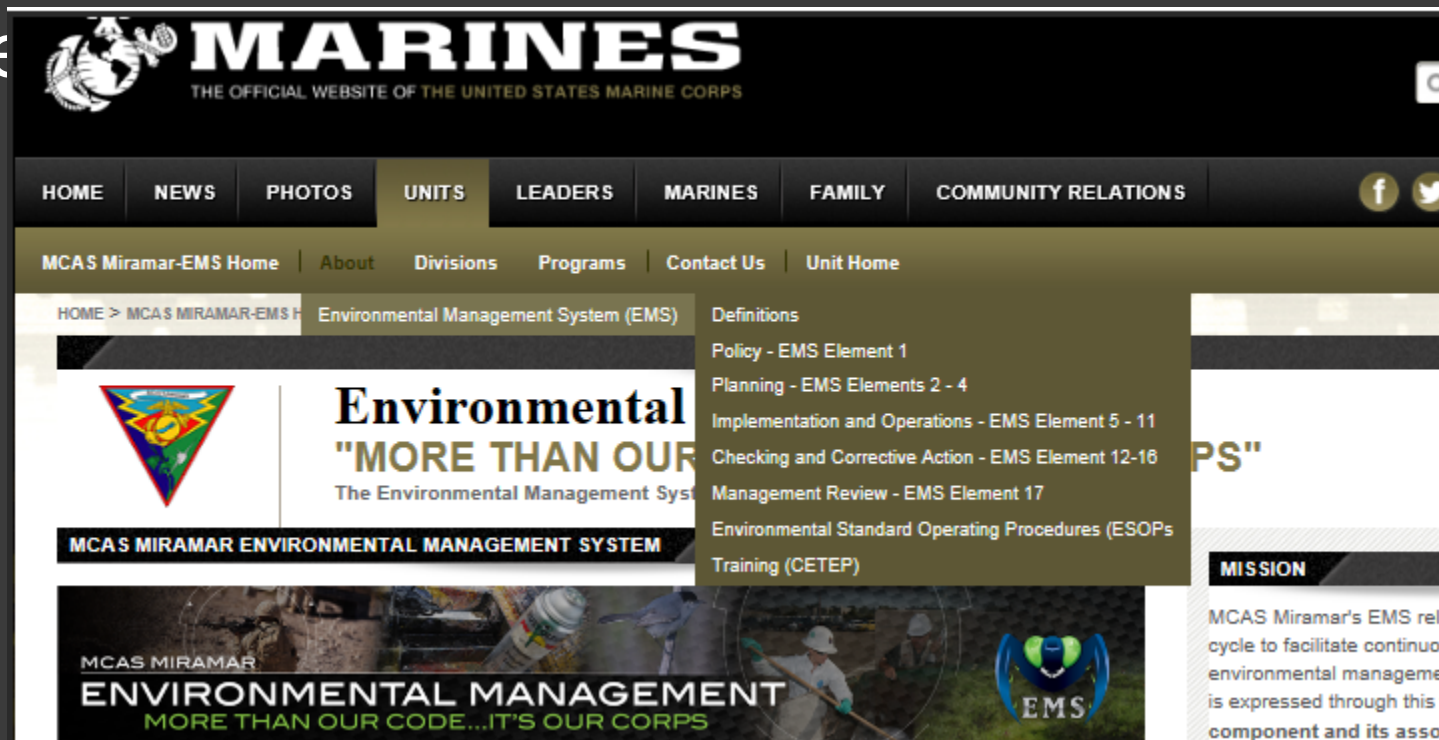
RECYCLING Drive Poster

click each to download

www.MiramarEMS.co

HOW TO USE THE WEBSITE

- From your browser, type in www.MiramarEMS.com.
- From the homepage along the right side, select the “**Environmental Policy Statement**” and click “**About**” in the olive



NAVIGATING THE WEBSITE

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Environmental Management (S-7)

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MCAS MIRAMAR ENVIRONMENTAL MANAGEMENT SYSTEM



MCAS MIRAMAR
ENVIRONMENTAL MANAGEMENT
MORE THAN OUR CODE...IT'S OUR CORPS

UPCOMING

Quick reference links

Event Start	Event End	Title	Location
1/19/2016 8:00 AM	1/20/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
2/16/2016 8:00 AM	2/17/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
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5/17/2016 8:00 AM	5/18/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
6/7/2016 8:00 AM	6/7/2016 9:00 AM	HWC Quarterly Meeting	Bldg #6306 (S-7) Classroom
6/7/2016 9:00 AM	6/7/2016 10:00 AM	Environmental Compliance Coordinator's (ECC) Meeting and Training	Bldg #6306 (S-7) Classroom
7/19/2016 8:00 AM	7/20/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom
7/19/2016 8:00 AM	7/20/2016 4:00 PM	Hazardous Waste Coordinator (HWC) Course	Bldg #6306 (S-7) Classroom

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PUBLIC AWARENESS & OUTREACH

RECYCLING Video

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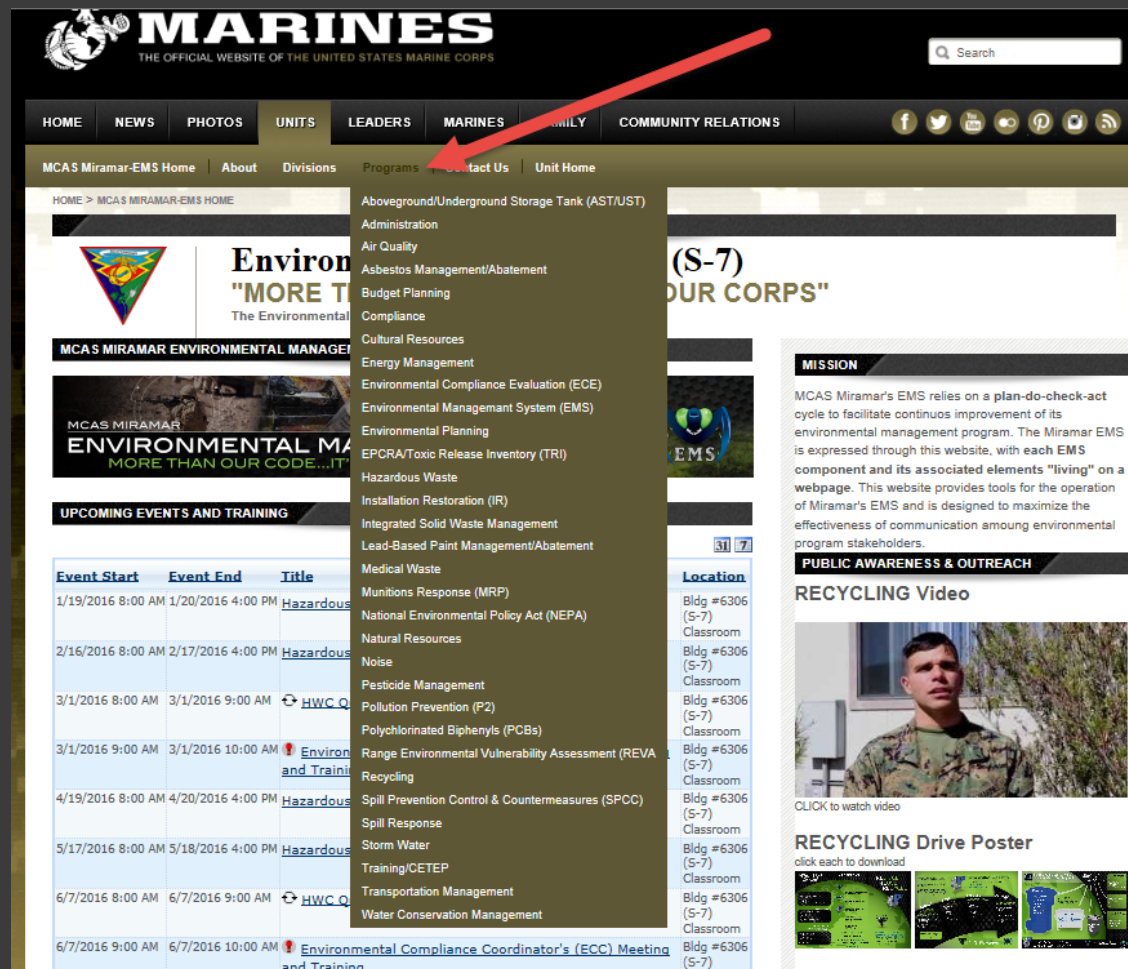
LINKS

- [F A Qs \(Frequently Asked Questions\)](#)
- [Welcome Aboard](#)
- [Environmental Training](#)
- [Environmental Emergency Response Information](#)
- [Spill Response Procedures \(Flow Chart\)](#)
- [Hazardous Waste Information](#)
- [Environmental Policy Statement](#)
- [ESOP's](#)
- [Station ECPSOP](#)
- [Environmental training, meeting and events schedule](#)

Quick links
can be
found in
lower right
corner of
website

NAVIGATING THE WEBSITE

- Training schedule is available on front page
- For specific environmental information, click on “**Programs**” in the bronze colored banner to open up drop down menus



The screenshot shows the official website of the United States Marine Corps, specifically the MCAS Miramar-EMS Home page. A red arrow points to the 'Programs' link in the top navigation bar. The 'Programs' dropdown menu is open, displaying a list of environmental management topics. Below the menu, there is a table of upcoming events and training, and a section for recycling resources.

MARINES
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Environ
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MCAS MIRAMAR ENVIRONMENTAL MANAGE

MCAS MIRAMAR
ENVIRONMENTAL MA
MORE THAN OUR CODE...

UPCOMING EVENTS AND TRAINING

Event Start	Event End	Title
1/19/2016 8:00 AM	1/20/2016 4:00 PM	Hazardous
2/16/2016 8:00 AM	2/17/2016 4:00 PM	Hazardous
3/1/2016 8:00 AM	3/1/2016 9:00 AM	HWCQ
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4/19/2016 8:00 AM	4/20/2016 4:00 PM	Hazardous
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6/7/2016 9:00 AM	6/7/2016 10:00 AM	Environmental Compliance Coordinator's (ECC) Meeting and Training

Aboveground/Underground Storage Tank (AST/AUST)
Administration
Air Quality
Asbestos Management/Abatement
Budget Planning
Compliance
Cultural Resources
Energy Management
Environmental Compliance Evaluation (ECE)
Environmental Management System (EMS)
Environmental Planning
EPCRA/Toxic Release Inventory (TRI)
Hazardous Waste
Installation Restoration (IR)
Integrated Solid Waste Management
Lead-Based Paint Management/Abatement
Medical Waste
Munitions Response (MRP)
National Environmental Policy Act (NEPA)
Natural Resources
Noise
Pesticide Management
Pollution Prevention (P2)
Polychlorinated Biphenyls (PCBs)
Range Environmental Vulnerability Assessment (REVA)
Recycling
Spill Prevention Control & Countermeasures (SPCC)
Spill Response
Storm Water
Training/CETEP
Transportation Management
Water Conservation Management

(S-7)
OUR CORPS"

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PUBLIC AWARENESS & OUTREACH

RECYCLING Video

CLICK to watch video

RECYCLING Drive Poster

click each to download

WHAT ARE YOU RESPONSIBLE FOR?

1. Familiarize yourself with www.MiramarEMS.com.
2. Understand the potential impacts associated with the work processes of your unit.
3. Know your permits and know what is required to comply with the permit conditions.
4. Attend all meetings and ECC trainings.

WHAT ARE YOU RESPONSIBLE FOR?

5. Know which ESOPs apply to your operations and ensure each person responsible for that process (practice) is knowledgeable about and has training document on the ESOP.
6. Ensure that individuals subject to environmental training have received that training (per MCO P5090.2)
7. Ensure environmental reporting requirements and inspection of facility has been accomplished and properly documented.

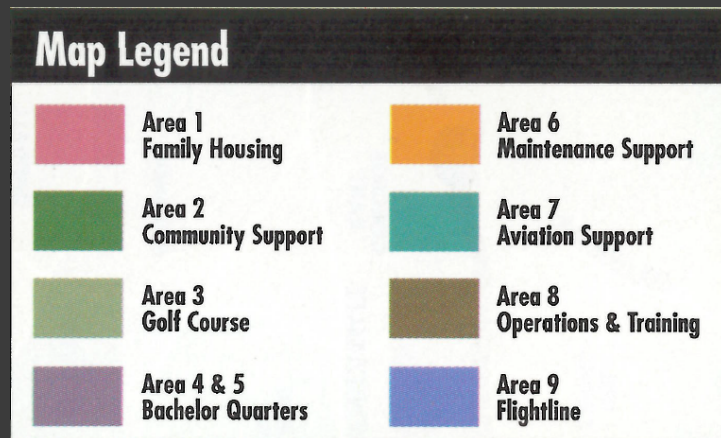
Call Environmental if you have any questions.

(858)577-1306

MCAS MIRAMAR: OPERATION AREAS



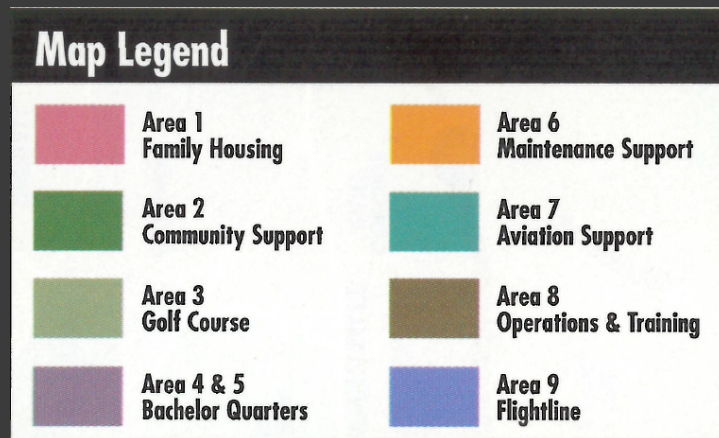
MCAS MIRAMAR: OPERATION AREAS



Areas 1-5 (Marine Corps Community Support) – Primary Environmental Concerns

1. Stormwater pollution
2. Spills
3. Wastewater (sewer)
4. Hazardous waste disposal
5. Medical waste
6. Pollution prevention (P2)
 - Recycling

MCAS MIRAMAR: OPERATION AREAS



Areas 6-9 (Mission Ops and Support) – Primary Environmental Concerns

1. Hazardous waste disposal
2. Air Permitting for:
 - Abrasive Blast Booths
 - Aircraft Parts Coating Operations
 - Arresting Gear Engines
 - Boilers
 - Emergency Diesel Generators
 - Paint Spray Booths
 - Solvent Cleaning/Degreasing
3. Stormwater pollution
4. Spills
5. Wastewater (sewer)
6. Pollution prevention (P2)
 - Recycling
 - Bio parts washers
 - Pad & towel wringers
 - Laundered packs and towels

HOW THIS PRESENTATION IS ORGANIZED

Rules vs. Steps

- **Rules**

- These are requirements established by the regulators that you are looking to fulfill.
- We paraphrased them and made them simpler to understand.

- **Steps**

- These are the steps and action items you can follow to make sure that you're following the rules.



BASIC ENVIRONMENTAL COMPLIANCE

TOPICS: Environmental issues concerning MOST areas of the base.

BASIC ENVIRONMENTAL COMPLIANCE

- Environmental issues identified in this section affect most areas of the base.
- TOPICS
 - Pollution prevention (recycling)
 - Hazardous waste accumulation and disposal
 - Spill prevention & response
 - Stormwater pollution prevention
 - Natural & Cultural resources

RECYCLING



Guide to Air Station Recycling and Hazardous Waste Disposal



- Aluminum / tin cans
- Cardboard
- Glass bottles / jars
- Magazines
- Newspaper
- Office paper
- Plastics
- Rinsed food containers
- Shrink wrap

Remember:
Recycling revenues keep the program operating and may provide excess funds to MCCS for Morale, Welfare, and Recreation (MWR) activities.

What Do I Do With?



- Food contaminated containers
- Plastic picnic forks / knives / spoons
- Soft paper
- Tissues
- Napkins

Air Station Recycling Center 858-577-6366 / 8872

- Damaged / un-usable small appliances
- Electronic waste, cell phones, computers, TVs, etc.
- Large appliances
- Scrap Metal
- Unwanted / damaged electrical items

Air Station Thrift Store 858-577-5009

- Blankets and other textiles
- Clothing
- Gently used furniture
- Plastic and metal toys
- Re-usable small appliances
- Shoes

EMD Waste Management, BQ Manager, Unit HW Coordinator (by appointment only) 858-577-1108 / 1087

- Automotive batteries
- Light bulbs and batteries
- Unused paint
- Used oil and anti-freeze
- Waste lubricants
- Paints / solvents



The re-use of products outside of their initial intended purpose is what the **Pollution Prevention (P2)** program is all about. It allows the user to make creative and/or other predetermined re-use of commonly used products, containers and supplies.



The more you **recycle**,
the more you **benefit!**



www.MIRAMAREMS.com

RECYCLING

ON THE AIR STATION

Recycling revenues keep the program operating and may provide excess funds to MCCS for Morale, Welfare, and Recreation (MWFR) activities.

AT THE BARRACKS

Cleaning supplies can be checked out from the Facility or Sector Manager. When you're done, return them for distribution to other residents needing those supplies.

AIR STATION HOUSING

The average household contains between three and ten gallons of materials that are potentially hazardous to human health or the environment. Household cleaners, solvents, paint products, pesticides, automotive products, and many other chemicals can create health and environmental problems when disposed of improperly.



The re-use of products outside of their initial intended purpose is what the **Pollution Prevention (P2)** program is all about. It allows the user to make creative and/or other predetermined re-use of commonly used products, containers and supplies.

Be creative.

What can you come up with?

REDUCE

...the amount of
THESE hazardous products that you purchase, or purchase less toxic/potentially harmful products:

- Aerosol cans
- Ant / rodent poisons
- Automotive fluids
- Cleaning products
- Fluorescent lamps
- Herbicides
- Insecticides
- Painting supplies (adhesives, strippers, stains, thinners, and solvents)
- Pesticides

Do not dispose these products in recycling bins or regular garbage collection.
See reverse for disposal location.

REUSE

...material you already have on hand:

- Bottles and jars with lids
- Coffee cans
- Hardware
- Newspaper
- Grocery bags
- Plastic drink cups
- Prescription bottles
- Printer paper
- Take-out food containers
- Tooth brushes
- Ziploc bags

RECYCLE

...the following items in blue recycling bins or dumpsters:

- Aluminum / tin cans
- Cardboard
- Glass bottles / jars
- Magazines
- Newspaper
- Office paper
- Plastics
- Rinsed food containers
- Shrink wrap

DISPOSE

...the following items are not currently eligible for the recycling program and must be taken to the following locations:

EMD Waste Management

- Aerosol cans
- Mattresses
- Used tires

Regular Trash Receptacle

- Food contaminated containers
- Plastic picnic forks / knives / spoons
- Soft paper
- Tissues
- Napkins



The more you **recycle**,
the more you **benefit!**



WWW.MIRAMAREMS.COM

RECYCLING

What Do I Do With?

Air Station Recycling Center

- Damaged / un-usable small appliances
- Electronic waste, cell phones, computers, TVs, etc.
- Large appliances
- Scrap Metal
- Unwanted / damaged electrical items

Air Station Thrift Store

- Blankets and other textiles
- Clothing
- Gently used furniture
- Plastic and metal toys
- Re-usable small appliances
- Shoes

EMD Waste Management,
BQ Manager, Unit HW Coordinator
(by appointment only)

- Automotive batteries
- Light bulbs and batteries
- Unused paint
- Used oil and anti-freeze
- Waste lubricants
- Paints / solvents

Contact Us



Air Station Recycling Center
Building 6310
Phone: 858-577-6366 / 8872



Environmental Management Department,
Waste Management Division
Appointment Required
Building 6306
Phone: 858-577-1108 / 1087



Environmental Protection Specialists
Appointment Required
Building 6306
Phone: 858-577-1102 / 1139 / 1277

Miramar Landfill / Household Hazardous
Waste Transfer Facility
Appointment Required
Convoy Street Entrance
City of San Diego residents: 858-694-7000
Non-city residents: 877-713-2784

Auto Hobby / MCX Auto Svc Cntr
Building 6673
Phone: 858-577-1215

Air Station Thrift Store
Building 6275
Phone: 858-577-5009

Visit the [Waste Management Division](http://www.MIRAMAREMS.COM)
website for more information
www.MIRAMAREMS.COM

*The more you **recycle**,
the more you **benefit!***

Printed on recycled paper

REDUCE REUSE RECYCLE



MCAS MIRAMAR



A Resident's Guide to Air Station Recycling and Hazardous Waste Disposal

Information for Residents of Air Station
Housing and the Bachelor Quarters

www.MIRAMAREMS.COM

STORMWATER COMPLIANCE

- **General Info:**

- Water pollutants include
 - » dredged soil,
 - » solid waste,
 - » incinerator residue,
 - » sewage,
 - » garbage,
 - » sewage sludge,
 - » munitions,
 - » chemical wastes,
 - » biological material,
 - » radioactive materials,
 - » heat,
 - » wrecks or
 - » discarded equipment, rock, sand, cellar dirt, and industrial, municipal and agricultural waste discharged into water.

STORMWATER COMPLIANCE

Best Management Practices

- Label all drums, cans, containers, tanks and valves
- Perform regular cleaning and regular pavement sweeping
- Avoid hosing down the site
- Recycle
- Store waste and recycling materials in proper containers
- Keep lids closed on all waste receptacles and HAZMAT drums

STORMWATER COMPLIANCE

Best Management Practices

- Limit significant materials inventory
- Routinely clean catch basins
- Keep equipment and vehicles clean
- Stencil signs on storm drain inlets
- Check vehicles and equipment for leaks
- Park vehicles on an impervious surface
- Discharge wash water to a sanitary sewer

STORMWATER COMPLIANCE

Best Management Practices

- Wash vehicles and equipment only at EMD-approved wash racks.
- Use drip pans underneath leaking aircraft, vehicles, and equipment.
- Substitute non-toxic or less toxic cleaning solvents.

NATURAL RESOURCES

- **Rules:**

- NO OFF-ROADING
- “Taking” of any protected plant or animal species is prohibited
- Ground disturbing activities prohibited
- Concentrated foot traffic in non-training areas is prohibited



**DRIVING
OFF ROAD
PROHIBITED**

NATURAL RESOURCES

- **PENALTIES**

- Penalties to individuals who violate could include fines up to \$200,000 and 1 year imprisonment per take.

**General Rule of
Thumb: If nature put
it there, leave it
there.**

VERNAL POOLS (WET SEASON)



VERNAL POOLS (**DRY SEASON**)



VERNAL POOL PLANT SPECIES



Left to Right:

1. SD Button Celery
2. CA Orcutt Grass
3. SD Mesa Mint
4. CA Spreading Navarettia

**Least Bell's
Vireo**
(Federally
Endangered)



**San Diego
Fairy Shrimp**
(Federally
Endangered)



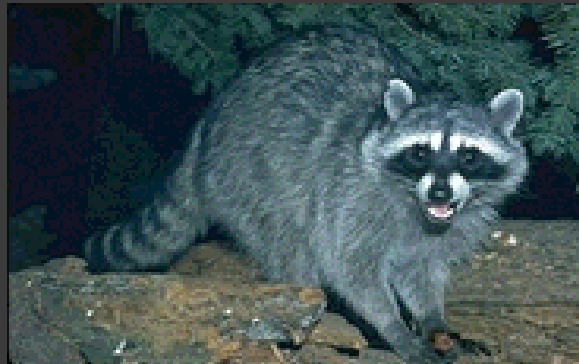
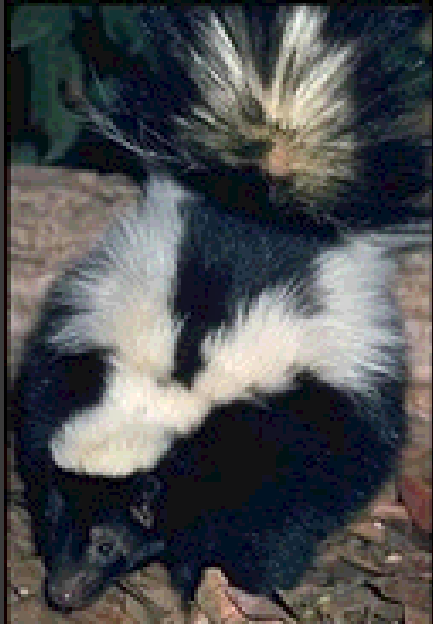
**Willow
Monardella**
(Federally
Endangered)



**California
Gnatcatcher**
(Federally
Threatened)



WATCH FOR THESE!





ADVANCED ENVIRONMENTAL COMPLIANCE

TOPICS: Additional environmental issues concerning:

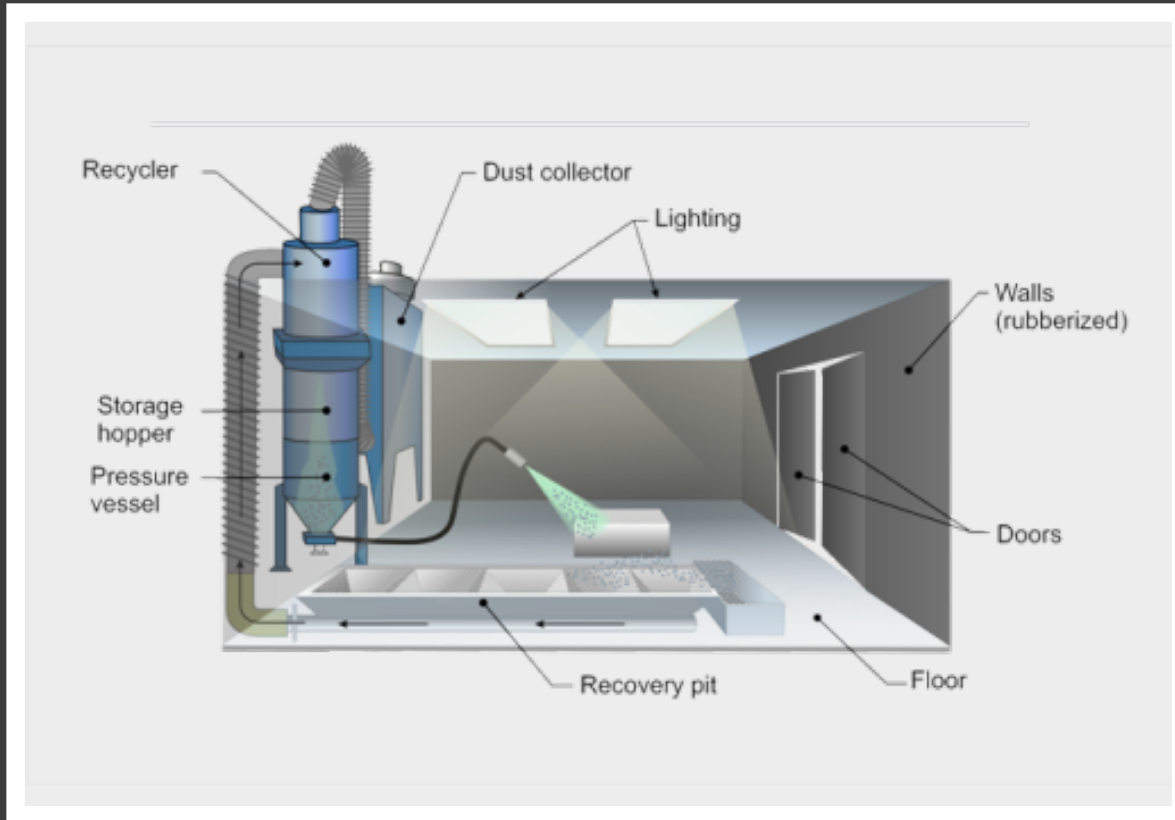
- (Areas 6-9) Flightline, Operations, Aviation Support and Maintenance

ADVANCED ENVIRONMENTAL COMPLIANCE

- **TOPICS**

- Air Permitting Issues:
 - Abrasive Blast Booths
 - Aircraft Parts Coating Operations
 - Boilers
 - Internal Combustion Engines
 - Arresting Gear Engines
 - Emergency Diesel Generators
 - Paint Spray Booths
 - Solvent Cleaning/Degreasing
- Pollution Prevention (P2)
 - Bio parts washers
 - Pad & towel wringers
 - Laundered packs and towels
- Medical Waste requirements

ABRASIVE BLASTING



Blast Booth



Blast Cabinet

ABRASIVE BLASTING

- **Rules:**

1. Read and follow your permit conditions.
2. Abrasive blast wastes should be tested to determine if they are hazardous if not already done.
3. Turnover folder must contain:
 - Operating instructions
 - Required maintenance documents
 - Operational logs

ABRASIVE BLASTING

- **Steps**

1. Display a current permit onsite.
2. Read and follow all permit conditions. Contact MCAS Miramar Environmental prior to operation if any conditions are unclear.
3. Allow only authorized personnel to operate blast booth.
4. Ensure that blast booth is sealed closed during operation.

ABRASIVE BLASTING

- **Steps: (continued)**

5. Make no modifications to the booth.
6. Hazardous blast grit should follow normal hazardous waste accumulation rules.
7. The operator shall keep characteristic information of the certified abrasives being used at the site.

AIRCRAFT PARTS COATING



AIRCRAFT PARTS COATING

- **Rules:**

1. Air pressure gauge or other measuring devices required by the manufacturer to demonstrate HVLP compliance must be readily available and shall be used to calibrate HVLP gun before use.
2. HVLP coating application equipment cannot operate at pressure greater than 10 psig at the outlet.

AIRCRAFT PARTS COATING

Rules: (continued)

3. Maintain a daily coatings and solvents usage log with information to include:

- Strippers for surface preparation.
- Coating application equipment cleaning.
- Amount of coating used.
- Description of substrate coated (e.g., metal parts, aerospace component, etc.).
- Description of coating applied (e.g., base coat/primer, hardener, thinner, clean-up, top coat, surface prep, etc.).
- Manufacturer name and ID.
- Mix ratios.
- Volume of VOC-containing material used.

AIRCRAFT PARTS COATING

- **Rules: (continued)**

4. Maintain an updated copy of the Aerospace Coating List (ACL)
 - Contact EMD, ATTN: Air Quality Program Manager to obtain latest copy of ACL
6. Maintain a copy of the Material Safety Data Sheet (MSDS) of all aerospace coating and solvent products used.

AIRCRAFT PARTS COATING

- **Steps:**

1. Make sure that all supporting documents are available onsite.
 - Permits
 - Material Safety Data Sheets (MSDS)
 - Operation Logs & Records
2. Read permit and comply with permit conditions.
3. Only use authorized HVLP equipment.
4. Complete required recordkeeping:
 - Daily coating and solvent usage records.
 - Summarize daily usage data into a Monthly Usage Record and submit a copy to the EMD Air Quality Program by month's end.
 - Acquire AULs for all materials prior to use.
5. Maintain records for at least 3 years.

INTERNAL COMBUSTION ENGINES



**Emergency
Diesel
Generators**



**Arresting Gear
Engines**

INTERNAL COMBUSTION ENGINES

- Rules

1. Permit required for engines 50 BHP or greater.
2. Permit must be at equipment site at all times.
3. Certain records must be kept onsite:
 - Engine manufacturer name and model number
 - Engine serial number and EPA family number
 - Brake horsepower rating
 - Combustion method
 - Fuel type
 - California diesel certification
 - Manual of recommended maintenance

INTERNAL COMBUSTION ENGINES

- Rules: (continued)

4. An operating log must be filled out with the following information:
 - Dates and times of engine operations (emergency & non-emergency).
 - Total cumulative hours of operation per calendar year, based on actual reading of engine hour or fuel meter.
 - Records of engine maintenance, including dates when engine maintenance was performed.
5. All records must be retained onsite for at least 5 years.

INTERNAL COMBUSTION ENGINES

- **Steps:**

1. Post your permit.
2. Fill out operation logs after each use.
3. Ensure that all records are maintained onsite.
4. Inspect equipment for flaws, leaks or other problems.
5. Do not exceed allotted maintenance and testing hours.
6. Contact EMD Air Quality Program Manager immediately when engine hour meter failed and replace.

BOILERS



BOILERS

- **Rules:**

1. Boilers with a capacity of over 1 million BTU/Hr fired on liquid fuel oil/diesel require a permit to operate.
2. Boilers with capacity of over 5 million BTU/hr fired exclusively on natural gas or LPG require permits.
3. Permit must be available at the boiler site.
4. Fuel usage must be tracked.
5. Annual reports on usage may need to be generated.
6. Boiler unit should be labeled with certification status (i.e. brand name, model number, heat input rating, NOx and CO emission test results)

BOILERS

- **Steps:**

1. Post permit onsite.
2. Track fuel usage.
3. Inspect boiler for leaks or flaws.

PAINT BOOTH



PAINT BOOTHS

- **Rules:**

1. The exhaust fans and exhaust filters must be installed and operating properly when the paint booth is in use.
2. All doors of the paint booth shall remain closed at all times when coating operations are being conducted, except when personnel are entering or exiting the paint booth.
3. When the paint booth is used for coating aircraft parts, all rules applicable to aircraft parts coating shall apply to the operation of the paint booth.
4. Permits must be displayed at paint booth site.

PAINT BOOTHS

- **Steps:**

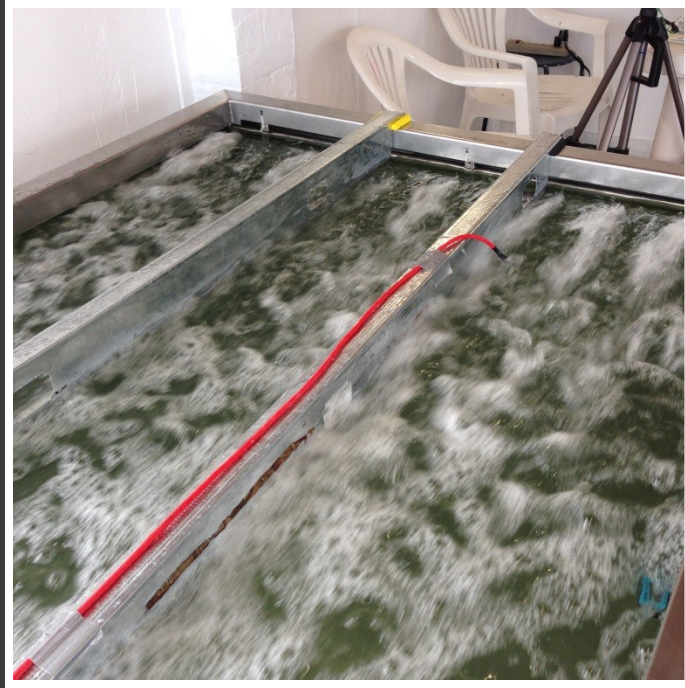
1. Display your permit at paint booth site.
2. Clean exhaust filter regularly and ensure exhaust fans are operational.
3. Inspect pressure drop across filters during use and record pressure readings when required by permit.
4. Ensure that manometer and exhaust fan are functional.

PAINT BOOTHS

- **Steps: (continued)**

5. Close solvent containers except when filling.
6. Close paint cans when not in use.
7. Keep fire extinguisher and spill kit nearby.
8. Conduct and document monthly paint booth inspections.
9. Notify MCAS Miramar Environmental before planning any modifications or repairs to the paint booth.
10. Maintain records as required by paint booth permit conditions.

SOLVENT CLEANING/DEGREASING



**Solvent Dip
Tank**



Parts Cleaner

SOLVENT CLEANING/DEGREASING

- **General Rules:**

1. Permits must be posted onsite.
2. Fluid level line indicating maximum allowable solvent level must be marked.
3. Operating instructions must be posted on solvent cleaners.
4. Solvent cleaners must be covered by lid when not in use.
5. Maintain daily use records on site for at least 3 years. Records should include:
 - Dates of solvents added to and removed from each solvent cleaner.
 - Quantity and method of disposal for waste solvents.

SOLVENT CLEANING/DEGREASING

- **Operating Rules**

1. Solvent agitation may only be achieved by means of pump circulation, mechanical mixing, or ultrasonics.
2. Lid/cover must be closed when solvent is not in use.
3. No porous or absorbent materials can be cleaned with solvent.
4. Ventilation system and emissions control equipment must be functional.

SOLVENT CLEANING/DEGREASING

- **Operating Rules (continued)**

5. Solvent flow must be a continuous fluid stream. Fine, atomized or shower-type sprays are not permitted.
6. Leaky equipment shall be repaired prior to use.
7. Solvent cleaner shall not be exposed to air drafts.

SOLVENT CLEANING/DEGREASING

- **Steps:**

1. Post your permit.
2. Keep all records onsite for at least 3 years.
3. Keep copy of MSDS with VOC info for all materials containing organic solvents.
4. Operate cleaners/degreasers according to directions.
5. Fill out usage records after each use.
6. Notify MCAS Environmental if you plan to change solvents.

P2 - BIO PARTS WASHER



Benefits:

- Reduces amount of HW generated on base.
- Reduces release of harmful pollutants.
- Increases user safety.
- Utilizes microbes in bioremediation instead of chemicals to breakdown greases and oils.
- Degreasing solutions are pH neutral, non-caustic, have no flash point, and don't irritate skin.



P2 – PAD/ TOWEL WRINGER

Benefits:

- Allows for reuse of expensive spill containment equipment.
- Saves money for the Marines.
- Easy to use.
- Reduces solid waste generation.

QUESTIONS?



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